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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Yoshihito MAENO et al.

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For: PHOTOSENSITIVE COMPOSITION FOR VOLUME HOLOGRAM RECORDING

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AMENDED ABSTRACT

The present invention is to provide a A volume hologram recording material wherein having a composition that is adjusted in accordance with a recording wavelength in a visible region set individually and specifically, and is excellent in sensitivity or hologram recording performance. A photosensitive composition for volume hologram recording emprising having a photopolymerizable compound, a photopolymerization initiator and a sensitizing dye, wherein and a maximum absorption wavelength of the sensitizing dye deviates by 14 nm or more from a predetermined volume hologram recording wavelength set in a visible region and the composition itself has absorption at the volume hologram recording wavelength.